

# JASCON 78

## 4500 HP Anchor Handling Tug boat



### SPECIFICATIONS

#### GENERAL

- **Classification** ABS ✕ A1, (E) Towing Vessel, ✕ AMS, Towing Service Anchor Handling Tug for unrestricted service.
- **Flag** St. Vincent & The Grenadines
- **Port of Registry** Kingstown
- **Delivered** 2013

#### DIMENSIONS

- **Length (overall)** 40.00 m
- **Breadth (moulded)** 11.80 m
- **Depth (moulded)** 4.55 m
- **Draft (designed)** 3.20 m

#### TONNAGE

- **Gross tonnage** 498 t

#### MACHINERY

- **Main engines** 2 x Caterpillar 3512C marine diesel engines 2250 BHP @ 1800 rpm each
- **Gearboxes** 2 x twin disc MGX 5600 Ratio 5.76 : 1

#### Propulsion

2 x CAT 3512C, Propeller Ø 2150 mm, FPP, 1678 kW (fixed pitch propeller with nozzle)

#### Generator sets

3 x Cummins CCFJ350JCM, 350 kw each, 380 V @ 50 Hz

#### Steering gear

1 x PEH5002-2P, 5.0 TM

#### THRUSTER

- **Bow thruster** 1 x Brunvoll FI-37-LTC-1000, controllable pitch propeller Thrust 3.2 M

#### PERFORMANCE

- **Speed** 12 knots
- **Bollard pull** 48 t

#### DECK EQUIPMENT

- **Anchor windlass cum bow** 1 x 4 t / 10 m / min, c/w double warping drum for mooring
- **Towing / Anchor Handling winch** 1 x Marine Equipment Singapore, hydraulic type, drum pull 75 t @ 1st layer, brake holding 150 t

- **Hydraulic storage reel** 1 x Marine Equipment Singapore, hydraulic type Holding capacity 1000 m x Ø 52 mm

- **Tugger winch** 2 x Marine Equipment Singapore, hydraulic type Rated pull 10 t x 15 m / min

#### Towing pins / shark jaw

1 combined set hydraulic type Max. tensioning force: 200 t. Supplied by Marine Equipment, Singapore

#### External fire-fighting pump

1 x electrical FiFi pump 470 m<sup>3</sup> / hr @ 100 m head c/w 2 fire monitors, each 230 m<sup>3</sup> / hr @ 60 m head. Supplied by DL America

#### Deck crane

1 x electrical-hydraulic telescopic deck crane SWL 3 t @ 14 m

#### ACCOMMODATION

18 persons

#### ADDITIONAL DATA

- **Clear deck area** approx. 120 m<sup>2</sup>
- **Safe Muster point** Safe haven / citadel provided